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*Libellum hunc de Peste, dignum
judicamus, qui Imprimatur.*

Gualt. Charleton, *Præses
Collegii Regalis Me-
dicor. Londinens.*

Tho. Burwel. }
J. Gordon. } *Censores.*
Wil. Dawes. }
Tho. Gill. }

Dat. Sepemb. 5. 1690.

*In Comitiiis Censoriis ex Edibus Col-
legii nostri.*



R. W. sculp.

Thomas Willis M.D.

A

Plain and Easie Method

F O R

Preserving [by **God's Blessing**]
those that are WELL from the
Infection of the

P L A G U E,

Or any

Contagious Distemper,

In

CITY, CAMP, FLEET, &c.

A N D

For Curing such as are Infected
with it.

Written in the Year 1666.

By *Tho. Willis*, M. D. late Sidney Professor in *Oxford*, and a Member of the Royal Society and Colledge of Physicians in *London*.

Never before Printed.

LONDON, Printed for *W. Crook*, at the Green-Dragon, without Temple-Bar. 1691.

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TO THE
READER.

Good Reader,

HAVING been hitherto very averse from Publishing any of Dr. *Willis's* Posthumous Works, because it may be presum'd that they want his last Hand to compleat them; and for
a that

The Preface.

that Reason, giving no ear till now to any Entreaties of that kind, though never so powerful, or never so importunate: I think myself oblig'd to give the World some Account why I alter'd my mind as to this particular, and did at length suffer myself to be prevail'd with to Print the following Treatise, it being now Fifteen Years after his Death; and it is briefly this: A worthy
Friend

The Preface.

Friend and an old Acquaintance of mine, desiring if I knew of, or could procure any choice and approv'd Receipts against the Plague, that I would furnish him with some for a Friend of his, for the preservation of whose Health he had a singular concern, and who was going in the late Embassie to *Constantinople*, where that Distemper then was, and did frequently rage : I promis'd

The Preface.

mis'd to use my utmost endeavours to supply him ; and calling to mind this short Tract, which I transcrib'd from the Doctor's Papers in the Year 1666, being then his *Amanuensis* ; I knew it would far exceed whatsoever I could elsewhere obtain, or pretend to collect upon this Subject : Whereupon I allow'd him to take a Copy of it for his Friend's use, upon condition he would not
make

The Preface.

make it publick. But not long since a suspicious Sickness having seiz'd their Majesties Army in *Ireland*, the same Person was very much of opinion, that the Printing of it might do great service, should that Disease prove Pestilential ; and urg'd such Arguments , as made me to be also of the same perswasion ; especially , he having shew'd the Copy to several of the most eminent

The Preface.

minent Physicians amongst us, whose opinion it was, as he assur'd me, that the Publishing of it might be of very great use, it being a charitable instruction in cases of great danger, for such as cannot procure the attendance of Physicians: I must needs own, that I could not withstand the judgment of such Persons.

The regard I have always had, and shall still have

The Preface.

have for the Reputation
and Memory of my dear
Master, and best *Friend*,
will not, I presume, be
thought to lessen, by
my giving way upon
these terms to this Pub-
lication; since it is so
earnestly desir'd, and so
well esteem'd of: And
the Good that is aim'd at
by it can be no ill Apo-
logy for

Thy Friend and Servant,

St. Martins-Lane,
Sept. 1. 1690.

J. Hemming.

A Plain and Easie

M E T H O D, &c.

IN time of **Pestilence**, because a Physician cannot easily, or often, be consulted with; Therefore it behoveth all Persons, as well Poor as Rich, to be furnish'd with Remedies against that Contagious Disease; and certain Rules, or a Method how to use them: Which Method being very plain, and almost the same to all People, consists chiefly in these

B

two

two Parts, *viz.* How to preserve the **Whole** from taking Infection; And how to cure the Sick that are infected.

Touching the First; Though the surest way is to fly from it, yet in regard this cannot be done by all, some Means should be us'd to secure [so far as it is possible] those that are forced to stay by it. Such Means of **Prevention**, either concern the Publick Magistrate, which are already sufficiently known, and commonly practis'd in all places that are infected, and it would be superfluous to repeat them here; Or else such as belong to private Persons, what ways every Man that lives in, or near an infected place, may arm himself

self against the danger of Contagion; Which should be endeavour'd, as well by purifying the Air we breathe, as also by fortifying our selves against taking the Infection at our Nostrils, Mouth, or Pores of the Body, which are the chiefest, if not the only parts the Poison creeps in at.

That the **Air** we breathe in may be wholesome, all Things, that may advance or add to the corruption of it, should diligently be removed; our Houses, and Streets kept clean; all Filth, and whatever may cause noisom smells, be taken away; and amongst other things, the smell of Sope-Suds, and Lye, in the washing of Clothes, be avoided; this, Experience has taught to be very

dangerous; as 'tis observed by **Diemerbroeck** and **Wander Heyden**.

Besides the suppressing of Vapours that may increase the infection of the **Air**, it is to be purg'd of that Malignity it brings with it from other infected places; and this is done by great Fires, which should be continually kept, except the Weather be too hot, and by Fumes of *Sulphur*, *Nitre*, *Frankincense*, *Pitch*, *Rosin*, *Tarr*, and the like, which every day should be burnt in the Room we most frequent, also before our Doors, and on the tops of our Houses. Of simple Medicines to be us'd for this purpose, *Brimstone* is commended for the best that is; 'Tis likely that *Vitriol*, which partakes much
of

of the like acid Spirit, may be very proper; but in regard 'tis not easily combustible, make this mixture, and strew of it on Coals in a hot Chafing-dish.

Take green Vitriol calcin'd, Saltpeter, and Sulphur, of each a pound, beat them well together, and keep it for use.

In close Rooms, and in hot Weather, Vinegar with Rue, or Wormwood, chopt small, and evaporated in a perfuming Pot; or else Pestilential Vinegar [as we shall describe] thrown on a hot Brick. Or

B 3 take

take Myrrh, Galbanum, Ammoniac, of each half an Ounce; boyl these in a Quart, or three Pints of White-Wine Vinegar, 'till they are all dissolv'd; put half a Spoonful of this at a time on a hot Brick.

Some commend Slakeing of *Lime*, supposing the fume that ariseth from it, may purifie the Air: 'Tis possible, if this be done with *Vinegar*, either simple, or impregnated with *Alexipharmacal* Medicines, it may be more effectual.

Next to the Cure of the **Air**, to render that as wholesom as we can; we must arm our selves against taking in that Malignity, which [notwithstanding all means
of

of purifying it] shall still remain mixt with it. Now because the Spirits are commonly the first that receive Infection ; We must fortifie them, that they may not easily admit the approaches of their Enemy, which when they are in full vigour and expansion, they will repel, and as it were keep off at a distance ; Therefore **Wine** and **Confidence** are a good **Preservative** against the **Plague** : But when the Spirits, through fear, or want of supply, do recede, and are forc'd to give back, the Enemy enters, and first seizeth them, and thence gets into the Blood and Humors ; Therefore much **Fasting** and **Emptiness** are **bad** : But every one should Eat and Drink at convenient Hours, in such manner

manner and measure, as may always keep the Spirits lively and chearful, and endeavour to compose his Mind and Affection against fear and sadness.

But besides keeping the Spirits in a good height, and more especially when that cannot be done, as in Persons that are naturally fearful, and of a tender Constitution, the Spirits should constantly, as it were, be kept arm'd with such Remedies as resist the Poyson; that is, the use of proper Antidotes against the **Plague**.

I shall set down some **Preservatives** to be taken of every Morning, and again at Night, by those that live in infected places.

Take

*Take of Conserve of Wood-
 Sorrel four Ounces ;
 Confectio Liberans,
 and Mithridate, of
 each half an Ounce ;
 Salt of Wormwood
 two Drams ; Confection
 of Hyacinth one Dram ;
 Tormentil Roots, and
 fine Bole, of each half
 a Dram ; Pestilential
 Vinegar half an Ounce ;
 mix all with Syrup of
 Citron ; Take as much
 as a Nutmeg, Night
 and Morning.*

For

For the Poorer Sort, that Medicine of the Ancients, may be proper, viz.

Take of Rue two handfuls, Figs and Walnut-Kernels, of each twenty four, common Salt half an Ounce ; Which beat all together in a Mortar, till it be well mix'd ; Take of it as much as a Nutmeg every Morning and Night.

This Medicine may be several ways advanc'd, by adding some *Alexipharmacal* Remedies to it, as by putting Salt of *Wormwood*,
instead

instead of common Salt, and by adding an Ounce of *Venice Treacle*, to the whole Composition.

For those that cannot take an *Electuary*, these *Tablets* may be proper to eat, about one Dram at a time, two or three times a day.

Take of the Roots of Virginian-Snakeweed, Zedoary, Contrayerva, Species Liberans, of each two Drams ; Camphire two Drams ; mix all finely powder'd, then dissolve eight Ounces of fine

fine Sugar in Pestilential Vinegar ; Boyl it Candy high, and adding the Pouder to it, make all into Lozenges.

For some that are of a hotter Constitution, and a high Sanguine Temper, it may be proper to take every Morning a spoonful of *Pestilential Vinegar* in a little *Carduus* water, or plain *Walnut* water ; or else drink a draught of *Possiet-Drink*, made with a Spoonful of that *Vinegar*.

Let the **Pestilential Vinegar** be made thus.

Take

*Take of the Roots of An-
gelica, Butter-Burr,
Tormentil, Elecam-
pane, of each half an Ounce,
Virginian -- Snake-
Weed, choice Zedoa-
ry, Contrayerva, of
each three Drams ;
Leaves of Scordium,
Rue, Goats-Rue, of
each one handful ; Mari-
gold Flowers, Clove-
gilloflowers, of each
half a handful ; Seeds
of Citron and Cardu-
us, of each two Drams ;
Cut and bruise these, and
put*

put them in a Glass-Bottle, with three Pints of the best Vinegar, to digest for ten days.

When the Stomach, by frequent taking of one sort of **Antidote**, begins to loath it: In such Cases the use of it may be changed into some other: And if the Stomach withal should be ill, and defective, in Appetite and Digestion; let the Party take every Morning, ten or twelve Drops of **Elixir Proprietatis**, in plain *Wormwood Water*, or else in *Wormwood Wine*.

Those that have Coughs, and ill Lungs, may take five or six Drops of **Balsam of Sulphur**, made thus.

Take

Take Flower of Sulphur,
two Ounces, melt it in an
Earthen Dish glaz'd on
the fire, then put to it
two Ounces of Salt of
Wormwood; stir it
for a Quarter of an Hour,
taking care that it does
not catch fire; Then put
into it of Aloes, Myrrh,
Olibanum, finely pou-
der'd, of each one Dram,
of Saffron half a Dram;
Keep this stirring half a
Quarter of an Hour;
Take it off, and put half
an Ounce of it powder'd,
to

*to digest in five or six
Ounces of good Spirit
of Wine ; It will take
in a short time a very
excellent Tincture : Which
keep for use.*

Or else this Balsam may be
made with *Spiritus Theriacalis
Camphoratus*, and so will be
more effectual against the **Plague**,
Or which is more applicable to
use,

*Put an Ounce of that Pou-
der newly made, into a
pretty large Glass, and
put to it a Quart of
good*

good Sack; Set it in a gentle heat, for three or four Hours, it will take a Tincture: And of this one may take half a Spoonful at a time: And I suppose two Spoonfuls in a convenient Vehicle, may be a good Sudorifick to be given one that is infected.

Though Purging in time of Pestilence is not good, as **Diermerbroeck** by frequent Examples has observ'd, yet in *Cachochymick* Bodies, it may be convenient once in a fortnight, to take a Dose of *Pillulæ Ruffi*; Take
 C half

half a Dram at Night, and next Morning take the wonted Antidote, as at other times.

Also for those that live in an infected Air, that there is suspicion that they may daily take in some pestiferous Vapours, which fermenting with the Blood and Humours, may insensibly at last break out in the **Plague**; it may not be amiss, once or twice a week, to take pretty large **Sweats** in their Beds: And this to be done, especially if the Party has had any occasion whereby he may suspect himself to have been more open to infection, or that he has taken any: After such Sweat he should keep his Chamber the forepart of the day, till the Pores are reduc'd to be as they were before.

*To provoke such a Sweat:
 Take of Venice Treacle, one Dram ; dissolve
 it in three Ounces of
 Carduus Water, add
 a Spoonful of Syrup
 of Pestilential Vinegar ;
 Or take a Draught of
 Posset-Drink, made with
 Pestilential Vinegar ;
 In which boyl a few Pe-
 tafitis Roots: To pro-
 mote and continue the
 Sweat, take Posset-Drink
 with Meadow-Sweet,
 or else with Carduus,
 or Marigold-Flowers
 boyl'd in it.*

Besides the daily and constant use of such *Alexipharmacal* Remedies, there are other Means, which occasionally and sometimes continually should be taken. For in regard we always draw in the Air at our Nostrils and Mouth, these parts should be well guarded with some Antidotes, that may keep out the poysonous Vapours from entring in, and especially as often as upon occasion we are more nearly expos'd to danger of Infection. To this end, some things to smell to, others to be held in the Mouth, chew'd, and swallow'd down, are frequently to be insisted on.

That which seems at once to fulfil most of these intentions, is taking of Tobacco in a Pipe ; the Smoke of this secures those parts which
lye

lye openest, and at once intercepts the Contagion from the Brain, Lungs, and Stomach: Nay more than this, it stirs the Blood and Spirits all the Body over, and makes them shake off any poysonous Matter that adher'd to them: Insomuch that **Diemerbroeck** accounts it not only a Preservative, but tells us, that himself, when he was several times infected, by taking five or six Pipes of Tobacco together was presently cur'd. And amongst us in *England* 'tis reported, That in the last great Plague, no Tobacco-Shop was infected: If 'tis not of so great virtue still amongst us, the reason is, because most Men have been accustomed to take it so excessively; wherefore it is grown so familiar to them, that it produceth no alteration

teration when it should be us'd as an Antidote.

Besides the frequent use of Tobacco, which doubtless in time of Plague may be profitable for them that can take it; others, and also Tobacco-nists, at some times should be furnished with something to smell to when they pass through infected Places. *Wormwood* and *Rue*, *Galbanum*, *Castor* and *Vinegar* are good: The vulgar practice of putting *Mithridate*, or *Treacle*, or *Tar* in their Nostrils, may be very useful; or to have a *Pomander* to carry in ones hand, or put into the top of a Staff.

Take of the Roots of Contrayerva and Virginian-Snakeweed powder'd,

*der'd, of each Two Drams;
of the best Myrrh powder'd, half an Ounce; of
Camphire half a Dram.
Let it be made a Pouder.*

Part of this may be enclos'd in a fine Silk Bag, and oftentimes dip it in *Pestilential Vinegar*, and so smell to it. To the other part of this, add *Oyl of Nutmegs* by Expression, and *Oyl of Cap-ivy*, of each a Dram, or as much as will make it into a Mass; also add of *Balsam of Peru* one Scruple. Dip Cotton Wool in *Elixir Proprietatis*, inclose it in fine Silk, and put it in the head of a Staff, or Civet Box, to smell to.

For Medicines to hold in the Mouth, and chew on, Roots of
C 4 Zedoary,

Zedoary, Contrayerva, and Snake-weed are very good ; also Roots of *Enulacampane, Angelica, and Masterwort* ; these either alone, or macerated in *Vinegar*, and dried again. *Myrrh* is very excellent : Some commend Tobacco, and chew it almost continually.

These are the chiefest Remedies which help to keep Infection out of the Body. There is yet another sort which serves to let it out, and carry it away, before it grows to a head, *viz. Issues*, which have been found by often experience to be good Preservatives in time of Plague : For as much as Nature having a constant vent for excrementitious matter thrown off the Blood, by the same way expels poysonous Atoms soon after they are receiv'd into the Body.

Con-

Concerning Rules of Diet I need not say much, because such Precepts are commonly known : 'Tis to be observ'd in general, that only wholesome Food should be taken : Very salt Meats, as hang'd Beef, Bacon, Pork, salt Fish, also shell-Fish, most kind of Herbage and raw Fruit should be avoided. The Meals should be moderate, and eaten in due season. Some Antidotal Things may be taken with the Meat, or mix'd in the Sauce ; *Clove Gilloflowers* pickled, also *Citron Peel* and Juice, *Rasberries*, *Currants*, *Pomegranate Juices*, *Pestilential Vinegar*, and *Mustard*, made with the Seeds of *Thlaspi*, may be of some good effect.

These kind of Remedies, and manner of living, ought chiefly to be insisted on as Preservatives
against

against the Plague. Those that are timorous and of tender Constitutions require a support from the use of more means ; whereas Persons that are strong, and of a bold temper, have need of the less Remedies. But 'tis not safe for any to be so confident as to dare to converse with infected People, or live in the midst of Contagion without any Antidote at all.

In the use of means, caution is to be had, that strong and hot Cordials be not too often taken, nor yet indifferently by all People ; for that will inflame the Blood, and make it apt to kindle a Fever, which at such times soon turns to the Plague.

The like caution is to be had against immoderate drinking of Wine ; though a moderate proportion

portion cheers and fortifies the Spirits, yet too much greatly disorders them, and thereby People are more expos'd to take Infection.

Letting of Blood in time of Plague has been observ'd to be very pernicious; so also oft or strong Purging; for the Veins being emptied either way, will readily suck in whatever poysonous Atoms lurk in the outward Pores of the Body, which being admitted, become the more prevalent, because the Spirits being depauperated, are less able to subdue or repel them.

Thus much of the way of Preservation: Next we are to treat of the Cure of those that are infected.

The Cure of the Plague admits of no Delay; neither indeed

deed is there need of any deliberation what ought to be done; but as soon as any one finds himself infected, let him forthwith take to his Bed, and having pray'd to Almighty God for his Blessing, begin to use the Means.

If the Party is much oppress'd at his Stomach, and strains to vomit, or else with vomiting throws up bitter and stinking Matter; let him presently take a large draught of *Carduus*, or *Camomile* Posset-Drink, and in it either half a Dram of Salt of *Vitriol*, or two Ounces of Liquor of *Squills*, and with his finger or a Feather, fetch up what is contain'd in his Stomach; but take no Antimonial Medicine, that will work beyond the Stomach.

As

As soon as he has vomited, [or if there is no occasion for this E-vacuation] let him presently be put into a Sweat, and continue for twelve hours, more or less, according as his strength will hold out, and not sleep in it, or not till the latter end of it.

If when he begins to Sweat, or endeavours it, his Vomiting still persists, then apply to the pit of the Stomach a Toast of White-Bread, spread over with *Treacle* or *Mithridate*, and dipt in *Claret-Wine* or *Pestilential Vi-negar*, made Scalding hot, in a Peuter Dish; Wrap this in fine Linnen, and apply it very hot.

After a plentiful Sweat for twelve, fourteen, or eighteen hours, give him some Reſectiſe,
as

as Broth, Caudle, Mace-drink, or the like ; and a little while after suffer him to sleep if he can. Then give him temperate Cordials by way of Confection or Julep, or both ; which repeat every third or fourth hour : Also at the time that the Party settles to sleep, lay *Vesicatory* Plaisters behind the Ears, and under the Arm-pits, and also in the Groin.

After he has slept, or endeavour'd it, and his Spirits are pretty well refresh'd, at a moderate distance from the first sweating, *viz.* Eighteen, or Four and Twenty hours, sooner or later, according as Symptoms are more or less urgent, and his strength is able, repeat the Sweating again ; and so proceed through the whole Cure ; one while Sweating, and another

another while refreshing his Spirits by temperate Cordials and Sleep ; betwixt whiles administering fit Nourishment, until such time as the Symptoms are abated wholly, and either the Disease terminated, or else the Malignity is driven all out in Boils or Carbuncles ; which how they must be order'd, shall be set down.

Though the same kind of Sudorificks may be given indifferently to most People, yet because there is variety of such Medicines, in respect both of the Matter and Form of them, therefore some choice may be had in the administration of them, that so we may comply with the Patient's taking them best in this or that kind of Form ; and also

so that those that are hotter be given to Persons of a cold Temper, and those Medicines which are more temperate to such whose Constitutions are hot: I shall set down several Forms of Sweating Medicines, which are given either in **Potion**, **Bolus**, or **Powder**.

Potions.

Take of Small Plague Water, Two Ounces; Pestilential Vinegar, half an Ounce; of Venice Treacle, one Dram; mingle them.

Take

*Take of Compound Scordi-
um Water two Ounces;
Treacle-Water half an
Ounce, Venice Treacle
one Dram, Salt of
Wormwood one Scru-
ple, Spirit of Vitriol
Six Drops : Mingle
them.*

*Take of Butter Burr-
Water three Ounces;
Venice Treacle, Di-
ascordium, of each one
Dram, Pestilential Vine-
gar one Spoonful : Mix
them.*

D

Take

*Take of Carduus Water
Four Ounces, Pestilential
Vinegar One Ounce,
Pestilential Extract One
Scruple : Mix them.*

*Or make some Posset-
Drink with Pestilential
Vinegar ; in a Draught
of it dissolve one Dram,
or a Dram and a half, of
any of these Confections,
adding one Scruple of
Salt of Wormwood.*

*In a Spoonful or two of
Treacle-*

Treacle - Water , or
 Vinegar, or both mix'd;
 give fifteen or twenty
 Drops of Spirit of
 Harts-horn, or of the
 simple Mixture from half
 a Dram to a Dram;
 or of Balsam of Sul-
 phur, from ten to twenty
 Drops, or fifteen Drops
 of Elixir Proprietatis.

For the Poorer sort, make
Posset-Drink with *Pestilential Vine-*
gar, and boyl in it some *Butter-*
Roots, and give a Draught hot.

Or make this Potion which
Henricus a Bra magnifies a-
 bove all other Remedies, from

the Experience of it in a great Plague once raging in his Country.

Take Celandine and Rue, of each one handful, Marigold Flowers half a handful; boylt these in a Quart of White-Wine Vinegar; strain it out, and keep it in a Glass Bottle; give two or three Spoonfuls; in which dissolve of Venice Treacle, or Mithridate, one Dram. This will provoke Sweat very powerfully.

Some

Some others commend a Decoction of *Guaiaicum*, to provoke Sweat with it, as in the cure of the *French Pox*.

A plain Decoction of *Rue* in *White Wine*, with a little *Vinegar* added to it, is highly commended by others.

Seeds of *Rue* poudér'd, and one Dram of it mix'd with half a Dram of *Treacle*, dissolv'd with *White-Wine*, is accounted an excellent Sudorifick.

Sudorifick Medicines may be given in **Powder** thus.

Take of Virginian Snake-
weed, Contrayerva,

D 3 *and*

*and Galcoigne Powder,
or Lady Kent's Powder,
of each one Scruple ; give
it in two Spoonfuls of
Posset Drink, or of a
Cordial Julep, or in Sy-
rup of Gilloflowers.*

*Take Powder of prepar'd
Toad one Dram, Pou-
der of Hyacinth half a
Dram : Mingle them.*

*Take of Bezoartica Mi-
neralis half an Ounce,
of Species Liberans
two Scruples, Camphire
eight*

eight Grains : Mingle them.

Take of the Flower of Sal Armoniac half a Scruple, of Cerusse of Antimony one Scruple, of Bole Armenick one Scruple : Mingle them.

Give any of these in a Spoonful or two of any Liquor, or in a Spoonful of Sack, with as much Pestilential Vinegar; half an hour after, drink a draught of Posset-Drink with Medesweet, or Woodsorrel boyl'd in it.

*Take of the Pouder of Ivy
Berries one Dram ; give
it in a draught of warm
White-Wine, with a
Spoonful of Pestilential
Vinegar.*

*Take Pouder of the
Roots of Carline
Thistle ; Give it in the
same manner.*

*Likewise Pouder of But-
ter Burr Root, given in
the same manner, provok-
eth Sweat powerfully, and
expelleth*

*expelleth the Poyson of the
Plague.*

*Take of Zedoary Root
that is gummy and
sound, one Ounce, Sugar
Candy one Ounce and
an half, Camphire half
an Ounce ; mix all in a
fine Pouder: The Dose
is one Dram in some
distill'd Water.*

*If the Patient can best take
his Medicine in a Bolus.*

*Take of Venice Treacle
one Dram, Tormentile
Roots, Bole prepar'd,
of*

*of each one Scruple, Sy-
rup of Gilloflowers
as much as sufficeth.*

*Take Diafscordium, Con-
fectio Liberans, of
each half a Dram, or
two Scruples, Salt of
Wormwood one Scr-
uple, Conserve of Roses
vitriolated half a Dram,
Syrup of Gillo-
flowers as much as is
sufficient.*

*Take of Conserve of
Roses half a Dram,
Balsam of Sulphur,
fifteen*

fifteen Drops; mix them.
 Take Posset Drink
 half an hour, or an
 hour after any of
 these.

When many People are sick,
 and there is not leisure to com-
 pound every Dose of these Medi-
 cines severally, there should be
 a large mixture of each kind made
 up together, which may imme-
 diately, and without trouble be
 distributed into Doses.

For Sweating Potions thus.

Take a Quart of Small
 Plague Water, of Com-
 pound Water of Scor-
 dium

dium and Pestilential Vinegar, of each a Quarter of a Pint, of Syrup of Gilloflowers two Ounces, Venice Treacle one Ounce, of Diascordium and Confectio Liberans, of each half an Ounce, Pestilential Extract, Salt of Wormwood, of each two Drams; put all together in a large Glass, shake them well together, and after it has stood Four and Twenty Hours, make

make use of it: Pour out three Ounces of the clear, and two Ounces of it turbid or shaken just before: This may serve for fourteen or sixteen days.

Mix a Powder thus.

Take of the Powder of Confectio Liberans, one Ounce, Roots of Contrayerva, Virginian-Snakeweed, Tormentile, Bole prepar'd, of each two Drams, of the Claws of Crabs powder'd

pouder'd, half an Ounce, mix all very well. The Dose is from one Dram to one Dram and a half, or two Drams.

Or take of the Pouders of Prepar'd Toad one Ounce, and of Confectio Liberans half an Ounce, mix them. The Dose is from one Dram to one Dram and a half.

For an *Electuary* to be distributed into several Doses, that of **Hermannus Wander Heyden** is a very good one, and as he asserts,

serts, approved by frequent Experience.

Take of Diascordium *one*
Ounce and a half, of
 Venice Treacle *two*
Drams, of Confectio
 Hyacinthi *one Dram,*
 Pouder of Nutmegs,
 Rue Seeds, Root of
 Angelica, Enulacam-
 pane, *of each one Dram*
and a half, Wine Vine-
gar (or rather Pesti-
lential Vinegar) one
Ounce, Oyl of Sulphur
fifteen drops, Syrup of
Juice of Citron as
much

much as sufficeth : make up all together. The Dose is from one Dram and a half to two Drams.

Or take of Conserve of Wood Sorrel, *half a Pound,* of Mithridate *four Ounces.* The Dose is two Drams.

In time of Sweating, give the Patient Posset Drink made with Pestilential *Vinegar*; boyl in the Milk *Scordium* or *Marigold* Flowers; if he is very dry, boyl *Medesweet*; or *Wood Sorrel*; if he is ill at Stomach, and apt to vomit or faint, give *Claret Wine* burnt with *Cinnamon*

namon and *Zedoary* Root, and *Mint* Water mix'd with it: Or else give him *Beer* boyl'd with a Crust of *Bread* and *Mace*, and sweetn'd with *Sugar*. Besides, to the richer sort give now and then a draught of a *Cordial Julep*, and sometimes a Dose of a *Cordial Electuary*; which kind of Medicines should be given likewise after Sweating is over, once in three or four hours, of one or other, to refresh the Spirits, and to keep the Malignity from the Heart. Give him no cold *Beer* in two or three days. After Sweating wash the Mouth with *White-wine Vinegar* and *Rose Water*: Also dip a *Sponge* in the same warm, and gently stroke the Temples of the Head, and Nostrils with the same.

E

Between

Between whiles give of the Medicines following.

Take Woodforrel Water, and Dragon-Water, of each Four Ounces; Scordium Water, two Ounces; Treacle Water (or Plague Water) one Ounce and a half; Syrup of Gilloflowers (or of Juice of Citrons) two Ounces; Pearle finely powder'd one Scruple; Spirit of Vitriol twelve Drops: Mix them.

Or

Or make a Decoction thus.

*Take of Harts-Horn
rasp'd, and Ivory, of each
three Drams; a Pear
main sliced, Wood-
sorrel half an handful:
Boyl these in three Pints
of Water, till a third
part is wasted; Strain
it on two Ounces of Con-
serve of Gilloflowers,
or Woodsorrel, or
Red Roses: Let it
infuse an hour: then stir it,
and strain it out: Give a
Quarter of a Pint warm.*

Whereas we give Emulsions
E 2 made

made with such a Decoction and Almonds, and cold Seeds in Fevers, **Diemerbroeck** affirms, upon his frequent Observation, *Emulsions* never do well in the Plague.

Take of the Conserve of Woodforrel four ounces, of the Rob of Goosberries or Raspberries two Ounces, Species Diarrhodon Abbatis two Drams, Confectionis Liberrantis one Dram and a half, of Prepar'd Pearl half a Dram, Red Coral prepar'd one Dram, with a sufficient quantity of

of Syrup of Juice of Citron : Let it be made an Opiate : The Dose is one or two Drams often in a day.

Sometimes the Plague is accompanied with dangerous Symptoms, to which if Remedies are not suddenly applied, all we do besides is to little purpose. Such Accidents, which call for respective ways of Cure, are chiefly *Fluxes of Blood*, and *Loosness of the Belly*, and *Vomiting*.

The first use to happen several ways, *viz.* at the Nose and Mouth, by Stool or Urine, by the *Hæmorrhoids*, and in Women by Menstrual Purgations : Some

of which, as by Urine always, and oft-times by Stool, are mortal; none of them ever tend to good. Therefore in all such cases, Remedies must be administred which may stop Bleeding: And though Sweating and Refection of the Spirits be still the principal intention of Cure; yet the other must come in as collateral with both of them; and Medicines that restrain Fluxes of Blood be mixed both with Sudorificks and other Cordials, and also be administred with Diet too.

In all *Hæmorrhages* Sudorificks must be compounded of Medicines that are temperate, and not astringent.

For

For **Potions** they be made thus

*Take Pimpernel Water,
or Tormentil Water
two Ounces, of Scordi-
um Water six Drams,
of Vinegar that has
Tormentil Roots in-
fus'd in it, two Drams,
Confection of Hya-
cinth one Dram, of pre-
par'd Bole half a Dram,
Extract of Tormen-
til one Scruple, of Sy-
rup of Coral three
Drams.*

E 4

Or

*Or make Posset Drink
with Tormentil Vine-
gar, boyl in it a Root
of Tormentil and
Bistort; in one draught
of it dissolve of Venice
Treacle two Scruples,
Confection of Hya-
cinth, prepar'd Bole,
of each one Scruple.*

Make this *Apozeme*, and give
two or three Ounces three or four
times in a day.

*Take of Tormentil Roots
half an Ounce, Bistort
three Drams, Red San-
ders*

ders *one Dram*, of
 Pomegranate Peel *one*
Dram, St. Johns Wort,
 Plantane and Burnet,
 of each half a bandful;
 Flowers of Roses,
 and Pomegranates,
 of each *one Dram and a*
half; of Plantane Seeds
one Dram: Boyl these in
three Pints of Water till
a Pint is wasted; strain
it, and add to it of Sy-
rup of Coral two
Ounces, Confection of
 Hyacinth *two Drams*:
 Mingle them.

Pouders may be compounded thus.

*Take of Confectio Lib-
berans, or Confecti-
on of Hyacinth half
a Dram ; Tormentil
Roots, Fine Bole, of
each one Scruple ; Pearl
and Coral prepar'd,
of each half a Scruple :
Give it in a Spoonful
of Syrup of Coral, with
a Spoonful of Tor-
mentil Vinegar.*

Make

Make a **Bolus** thus.

Take Confection of Hyacinth and Venice Treacle, of each half a Dram; Tormentil Roots and prepar'd Bole, of each one Scruple; of Extract of Tormentil half a Scruple, of prepar'd Pearl six Grains, of Syrup of Coral as much as is sufficient.

For **Juleps** and **Confections**, to give in, and betwixt
Sweating,

Sweating, they be compounded thus.

*Take of Medesweet Wa-
ter eight Ounces, small
Plague Water, Scordi-
um Compound Wa-
ter, of each three Ounces;
of Syrup of Coral
two Ounces, Confecti-
on of Hyacinth two
Drams, of Tormentil
Vinegar half an Ounce ;
Mix them: Give four
or five Spoonfuls e-
very third hour.*

*Or take of Conserve of
Red*

Red Roses *four Ounces*,
 of prepar'd Coral *two*
Drams, of prepar'd
 Pearl *half a Dram*,
 Confection of Hya-
 cinth and Alkermes,
 of *each one Dram*, of
 Tormentil Vinegar
half an Ounce; or as much
 as is sufficient: Make it
 up into an Electuary:
 Give once in three
 or four hours as
 much as a Nutmeg.

These kinds of Remedies, which
 are proper in *Hæmorrhages*, are
 also to be used, in *Fluxes* of the
 Belly; likewise by Women with
 Child,

Child, because other more hot Medicines may provoke an Abortion.

Make **Tormentil Vinegar** thus.

Take Roots of Tormentil, Bistort dried and sliced, of each an Ounce, Cinnamon half an Ounce, Red Sanders one Dram : Bruise all very well, and put to it a Quart of White-Wine Vinegar ; digest it in a common Furnace for four days : At the same time take Red and White Coral finely pouders'd,

pouder'd, *of each half an Ounce*; Dragons Blood, Blood-Stone, *of each one Dram*; Fine Bole, *two Drams*: Digest these in the same manner with a Quart of Vinegar: Then strain out both the Liquors, and mix them.

Let **Extract** of **Tormentil** Roots be made thus.

Take Tormentil and Bistort-Roots, *of each one Ounce*; of Cinnamon *half an Ounce*, of Red Sanders

Sanders *two Drams*,
 Salt of Wormwood
half an Ounce; bruise
all together, adding of
 Tormentil Vinegar
two Ounces; put it in
a Vessel to digest with
three Pints of Mede-
 sweet Water: Strain
it, and evaporate it with
a gentle heat in Balneo
 Mariæ *to the Consisten-*
cy of Honey.

In the Cure of the Plague, if
 a course of Sweating, timely ad-
 ministred, do plentifully succeed;
 and withal other private Excre-
 tions be either prevented or pre-
 sently

sently suppress, the Patient may be judg'd to be in a hopeful condition ; and sometimes the Venom is quite expell'd, without any other accident : But for the most part, because the Poyson, by fermenting the Blood and Humours, is soon greatly encreas'd ; so that all of it, especially the grosser Particles, cannot easily evaporate, it settles in the outward Parts, and there causeth the swelling and breaking out of divers kinds : Those that require any application of Remedies, are **Boils** and **Carbuncles**.

The first of these commonly happen in Parts that are very Glandulous ; as behind the Ears, under the Armpits, and in the
F Groin ;

Groin : They arise with a hard Swelling, which ought to suppurate and break, and the Corruption to be drawn all out, by the running of the Sore for some time : These Tumors call'd **Bubo's**, should be ordered thus.

If a Blister is not rais'd on, or near the place already, 'tis good to apply a *Vesicatory* Plaster just below it, but on the Tumor it self to apply some drawing Medicine, to attract the Venom outward ; as at first, the Fundament of some living Fowl, or else a *Colewort-Leaf* dipt in scalding Water, and dried again, and smear'd over with *Oyl of Lillies* or *Scorpions*. To ripen the Sore, lay on Pultises or Plasters ; or rather first Pultises, and then

then Plaisters, when it tends to suppuration; which should be renewed every twelve hours at least.

For **Pultises.**

Take an Onion and White Lilly Roots, boyl them, or else wrap them in a wet Paper, and roast them in the Embers, afterward stamp both together, adding a little Treacle, and Oyl of Lillies as much as is sufficient: Or else roast a Fig with either or both these above-nam'd,

F 2

and

and make a Pultis in the same manner : Or else with either, or all above-named Remedies, add an handful of Scabious or Sorrel wash'd ; and after beat all into a Pultis.

Take Pimpernel roasted on the Embers, mollifie it with Oyl of Scorpions, adding a little Pouder of Myrrh and Venice Treacle, and lay it to the Sore.

Some

*Some do commend live
Frogs to be applyed,
and renew'd as oft as they
die.*

*For a Plaister to break the
Sore when it is o-
pen'd, Diachylon with
Gums; or else those two
Emplaisters, viz. Em-
plastrum Paracelsi,
and de Fuligine, men-
tion'd by Diemerbroeck,
pag. 213. Paracelsus his
Plaister is there thus
order'd to be made.*

F 3

Take

Take of Gum Oppopanax *two Ounces,* Seraphin or Sagapen *four Ounces,* Bdellium *three Ounces,* Galbanum *one Ounce,* Olibanum *two Drams;* *let them be dissolved in Vinegar, and strain'd, and adding the Pouder of a dried Toad and Frog, of Natural Brimstone one Ounce, of Camphire one Dram :* Let it be made a Plaister to be

be put upon the
Tumor, and renewed
every six hours.

Emplastrum de Fuligine,
or **Plaster of Soot**, is thus
made.

Take of Chimney Soot
ten Drams, Leaven,
Turpentine, Butter,
of each one Ounce, Ve-
nice Sope one Ounce
and a half, of Honey
of Roses six Drams,
Common Salt half
an Ounce, the Whites
of two Eggs, Trea-
F 4 cle

cle and Mithridate,
 of each two Drams :
 Let them be mixed.
 For the Poorer sort,
 Shoemakers Wax is
 as good as any.

If when the Tumor is ripen'd,
 it do not soon break of it self,
 it is best to open it by Incision;
 and when it is broken, put in a
 Pledget dipp'd in *Turpentine*
 mix'd with the *Yolk of an Egg*;
 or dress it with *Basilicon* alone,
 or the Liniment of *Arceus*.

A **Carbuncle**, which is the
 other kind of Plague-Sore, which
 requires the operation of the
 hand, happens but seldom in
 any of the Emunctories [and
 when

when it does it portends ill] but useth to be in most places else: It ariseth with angry *Pustules*, sometimes one, sometimes many; which soon grow discolour'd, and tend to Mortification, and the substance mortified must be cast out, and then the hollow Ulcer which remains must be healed.

When a *Carbuncle* first appears, **Diemerbroeck** commends to be applied to it for the first and second day, a *Red Colewort Leaf*, smear'd over with *Rape Oyl*: The same Author mentions a *Pultis* which he us'd for the most part, renewing it three or four times in four and twenty hours, till the Core was taken out; and then Digestive Medicines, and others succeed-

ſucceedingly are to be us'd, as in
other *Ulcers*.

Take Scabious and Devils Bit, of each two or three handfuls, ſtamp them, and then beat them with the Yolks of two Eggs, and a little Salt ; lay it to the Carbuncle warm, renewing it three times in a day at leaſt.

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